

INDEX

	PAGE		PAGE
Abbott, C. G., Solar radiation (review)	73	Audibility of firing in the English Channel, Sept. 27th, 1934 ...	253
—, Sunspots and weather (review) ...	73	Austausch	66
Abercromby in modern dress ...	141		
Aberdeen, Mother-of-pearl clouds... ..	196	Bailey, C. S., Rain in advance of true "warm front" rain ...	264
Agius, T.	246	Balloon flights, First stratosphere... ..	30
Agostinho, J., Strange sunset effect ...	165	Balloons, Distances travelled by toy ...	193
Agricultural Meteorological Conference, 1934	269	Ballooning	35
Air currents in the Bay of Gibraltar ...	9	Banks, F. C., Whirlwind at Horn-don-on-the-Hill	192
—, Exceptionally dry, July 10th, 1934	181	Barlow, E. W., Atmospheric refraction and the Moon's globularity ...	288
—, Possibility of condensation by descent of	87	Barograph with yearly chart ...	92
Aircraft and lightning	214	Barometer before reading, Effect of tapping a Kew	98
Ali, B., High lapse rates of temperature over northern India (review)	150	Barometric tendencies, Diurnal variations of	183
Alto-cumulus, Waved	239	Baxter, W. L., Strange sunset effect ...	119
Amsterdam, Change of director at Meteorological Office	222	Belasco, J. E., Phenomena accompanying lightning	91
Andrews, R. T., Prediction of minimum temperatures at Larkhill ...	61	Bench, A. T., Obituary of A. J. Rigby	174
Anemometer record, Unusual ...	168	— — S. Call	21
Angus, T. C., Atmospheric disturbance illustrated by a working model	81	Berbera, Winds of	144
Anti-solar rays	216	Berlage, H. P., Long-range forecasting in Netherlands India... ..	220
Ashmore, S. E., Hail and thunder in May	93	Berloty, R. P.	293
—, Halo phenomenon seen from Grayshott	216	Beveridge, G., Cloudburst in Vallay ...	215
—, Optical phenomena seen from Birmingham	120	Bigelstone, H. J., Sixty years rainfall at Liverpool Observatory... ..	117
—, Splashing of rain	145	— and A. T. Doodson, Frequency distribution of rainfall at Liverpool Observatory	117
Asia, Climate during abnormal summers in	258	Bilham, E. G., Travel of thunderstorms	40
Astapowitsch, I. S., Air waves caused by the fall of the meteorite in central Siberia ...	145	—, Water supply from roofs	137
Atmanathan, S., and L. A. Ramadas, Fog and haze at Poona during the cold season (review) ...	101	Birmingham, Optical phenomena seen from	120
Atmosphere, Gases of the	12	Black Forest, Snow cover and skiing in the	290
Atmospheric disturbance illustrated by a working model	81	Boerema, J., Daily forecast of wind-force on Java	220
		Bolton, M. A., Travel of thunderstorms	40

	PAGE		PAGE
Bonacina, L. C. W., Atmospheric refraction and the moon's globularity	240	Carbis Bay, Cornwall, Tornado at ...	71
—, December minimum in relation to June maximum temperatures	17	Cave, C. J. P., Phenological report, 1933	258
—, Disregarded condition for dew and hoar frost	67	—, Phenomenon accompanying lightning	146
—, Peculiar features of the summer of 1934	218	Chapman, S.	270
Books received ... 49, 73, 173, 198, 221, 246, 293		—, Gases of the atmosphere	12
— for sale	22, 125, 174	Champion, D. L., Cloudiness and the state of the sky... ..	260, 288
Botley, C. M., Atmospheric refraction and the moon's globularity		—, Heavy rain, Dec. 26th, Waltham Cross	285
—, Halo phenomena	120	—, Peculiar squall cloud	238
—, Parhelic circle	14	—, Storm glass and weather	44
—, Sounds accompanying lightning	195	—, Thunderstorms of June 25th ...	147
Bower, S. M., Summer thunderstorms and summer time ...	64	Cheshire, Thunderstorms and thick snow in	264
—, Travel of thunderstorms ...	43	China rainfall and world-weather ...	38
Bowering, D. F., Halo phenomena... ..	122	Cirro-stratus, Rainbow in	65
Braak, C., Climate of the Netherlands, A. Precipitation (review)	47	Clark, J. E., Droughts of 1868 and 1933	14
Bracey, C. A.	49	—, Frostless December Weather ...	284
Bridgewater, High maximum temperatures at	242	—, Naturbeobachtungen (review)...	243
British Isles, General sunshine values	259	—, Phenological report, 1933 ...	258
—, Mean frequency of thunder over the	117	—, Remarkable cloud movements... ..	217
Broadcast weather noises	20	Clarke, G. A., Mother-of-pearl clouds at Aberdeen	196
Brooks, C. E. P., Basis of the expression $\frac{1}{4}(7 + 13 + 2 \times 21h.)$ for mean temperature ...	170	Climate during the Quaternary period, World	118
—, Cloudiness and the state of the sky	260	Climatological Table for the British Empire	monthly
—, Halo complex in Holland, May 26th	122	Cloud, Funnel-shaped	192
—, Pressure distribution during Dec., 1933, and Jan., 1934 ...	4	—, Peculiar squall	238
—, Thunderstorms and sunspots ...	38	— movement at Leuchars, Remarkable	83
—, and C.S. Durst, Winds of Berbera (review)	144	— movements, Remarkable	217
Brunt, D.	50	— sequence and persistent solar halo	262
—, Obituary of Sir Arthur Schuster	229	Cloudburst in Vallay	215
—, Possibility of condensation by descent of air	87	Cloudiness and state of the sky	260, 288
Bullock, E. M., Rainfall in Westmoreland	215	Clouds at Aberdeen, "Mother-of-pearl"	196
Buxton weather bulletin	17	—, Luminous night	239
— — forecasts	70	Cold spell in Egypt, Feb., 1934 ...	100
		Condensation by descent of air, Possibility of	87
		Conference for study of stratosphere	74
		Corless, R., Thunderstorms in July, 1934	160
		Corona, Lunar	13
		Coronae, Solar	12
		Cowper, J. E., Broadcast weather noises	20
		—, Thunderstorm of June 28th in the Isle of Wight	149
		Crossley, A. F., First stratosphere balloon flight	30
		—, Fog and haze at Poona during the cold season (review) ...	101
		—, High lapse rate of temperature over northern India (review) ...	150
Calgary, Alberta, Height of the tropopause at	166		
Call, S.	21		
Cannegieter, H. G.	246		

	PAGE
Crossley, A. F., India Meteor. Dept. Memoirs, Vol. XXVI, Parts II and III (review) ...	173
—, Praktische Orkankunde (review) ...	244
—, Rainbows and sky illumination ...	14
—, Remarkable cloud movement at Leuchars ...	83
—, Stratosphere ...	33
—, Travel of thunderstorms ...	41
Cyclone, Lowest pressure in a tropical ...	237
— season at Mauritius 1929-30 and 1930-1 ...	72
Cyclonic formation, Nov. 13th, 1933 ...	15
Daking, C. W. G., Frontal thunderstorms of Oct. 23rd, 1934 ...	265
Das, A. K., Colour of moonlight ...	193
Davis, F., Nocturnal cooling and the prediction of minimum temperatures ...	230
Davis, W. M. ...	124
Depressions, Deepening of ...	240
Deutsche Seewarte, Appointment of president of ...	198
Dew and hoar-frost, Disregarded condition for ...	67
Dewar, D., Statistical probability of rain in London ...	87
Dight, F. H., Warm spells in London from 1900-33, with special reference to the prevailing conditions of humidity ...	109
Dines, L. H. G., Thermal anomaly in the stratosphere ...	31
Doodson, A. T. and H. J. Bigelstone, Frequency distribution of rainfall at Liverpool Observatory ...	117
Döring, A., Naturbeobachtungen (review) ...	243
Douglas, C. K. M., Deepening of depressions ...	240
—, Frontal thunderstorms ...	205
—, Some facts and theories about the upper atmosphere ...	283
—, Unusual cloud sequence and persistent solar halo ...	262
Drought, Cartographic study of ...	145
—, Cause of ...	38
— of 1933-4 ...	133
Droughts of 1868 and 1933 ...	14
Dry air, July 10th, 1934, Exceptionally ...	181
Durst, C. S., Dust in the atmosphere ...	284
—, Sudden falls of temperature at Kingsway, Jan. 23rd-24th, 1934 ...	59
—, Wind pressures on buildings ...	208
— and C. E. P. Brooks, Winds of Berbera (review) ...	144

	PAGE
Durst C. S., and R. M. Stanhope, Diurnal variations of barometric tendencies ...	183
Durward, J., Microbarograph oscillations ...	95
—, Unusual anemometer record ...	168
Dust-devils ...	268
Dust in the atmosphere ...	284
Edinburgh, Keith Prize of the Royal Society of ...	74
Eginitis, D. ...	102
Egypt, Feb., 1934, Cold spell in ...	100
—, Microbarograph oscillations in ...	95
Ellison, A., Travel of thunderstorms and effects of lightning ...	43
England and New England, Rainfall variations ...	88
England, December thunderstorms in southern ...	285
English Channel, Sept. 27th, 1934, Audibility of firing in the ...	253
Europe, Climate during abnormal summers in ...	258
Everard, H., Buxton weather bulletin ...	17
Everdingen, E. van, Solar coronae ...	12
Finland, Appointment of director of the Meteorological Office of ...	50
“ Fireball ” ...	65
Fires—Smoke haze phenomena, Bush ...	90
Floods of Aug., 1932, Wairarapa ...	21
Flower, W. D., Brilliant moon pillar ...	260
—, Nocturnal cooling and the prediction of minimum temperatures ...	230
Forecasting in Netherlands India, Long-range ...	220
Fog and haze at Poona during the cold season ...	101
Foley, J. C., Bush fires—smoke haze phenomena ...	90
Frosts, summer ...	191
—, Unusual glazed ...	39
Gallé, P. H. ...	124
Gases of the atmosphere ...	12
Geophysical observatory on the Pamir ...	123
Gerlache de Gomery, A. de ...	294
German meteorological service ...	123
Gibraltar, Air currents in the Bay of ...	9
Glasspoole, J., Climate of the Netherlands, A, precipitation (review) ...	47

	PAGE		PAGE
Glasspoole, J, Rainfall of 1934 ...	291	Hort, A. F., Distances travelled by toy balloons	193
—, Wairarapa floods of Aug., 1932 (review)	21	Hubble, E., Red-shifts in the spectra of nebulae (review)	219
Goderich, Ontario, Height of the tropopause at	166	Humidity, Warm spells in London from 1900-33 with special reference to the prevailing conditions of	109
Gold, E., Abercromby in modern dress (review)	141	Hurricanes	244
—, In lighter vein	38		
—, Prediction of minimum tempera- tures at Larkhill	88		
—, Rain in advance of true "warm- front" rain	235	Ilford, May 26th, Whirlwind at ...	123
Goldie, A. H. R., Rain in stationary depressions	266	India, High lapse rates of tempera- ture over northern	150
—, Temperature of Loch Maree, 1932-4	277	Iraq, Line squalls and heavy rain in —, Summer rainfall in	185 168
—, Weather by Abercromby revised (review)	141	Isle of Wight, Thunderstorm in ...	149
Grayshott, Halo phenomenon seen from	216		
Greece, Change of directors in the National Meteorological service	102	Japan, Typhoon in	219
Greenland, Meteorological observa- tions in central	210	Java, Daily forecast of wind force on	220
		Jessop, E. E., Climate during abnormal summers in Europe and Asia	258
Haboob at Heliopolis, Minor ...	280	Kellett, C. H.	198, 221
Hail and thunder in May	93	Kew Observatory, Daily readings at monthly	
Halley lecture	48	—, Meteorological records	1
Halo complex in Holland, May 26th 122, 164		—, Visibility and atmospheric suspensoids at	284
— phenomena, Whit Sunday ...	120	Kidson, E., Gusty winds at Welling- ton	238
— phenomenon seen from Grayshott	216	—, Meteorological observations for 1932 (review)	245
—, Unusual cloud sequence and persistent solar... ..	262	—, Wairarapa floods of Aug., 1932 (review)	21
Hamburg, Appointment of Professor of Meteorology at	294	Kingsway, Jan. 23rd-24th, 1934, Sudden fall of temperature at... ..	59
Hancock, D. S., General sunshine values, British Isles, 1909-33... ..	259	Köppen, W.	293
Hartford, Connecticut, Deficiency of rainfall at	286	Kruisinga, J. C. M., Atmospheric refraction and the moon's globularity	288
Hawke, E. L., December thunder- storms in southern England ...	285		
—, Rainbow in cirro-stratus ...	65	Laing, W. D., Rainbows and sky illumination	13
—, Summer frosts	191	Lamb, Sir Horace	270
—, Thunderstorms of June 25th ...	147	Lancashire coast, Recent calm winters on the	18
—, Unusual glazed frost	39	Larkhill, Prediction of minimum temperatures at	61, 88
Hayes, W., Strange sunset effect ...	165	Latchmore, A.	198
Haze and fog at Poona during the cold season	101	Leningrad, New Chair of Polar Science	294
— phenomena, Bush fires—smoke	90	Leuchars, Remarkable cloud move- ment at	83
Heliopolis, Minor haboob at ...	280	Lewis, L. F., High maximum temperatures at Bridgwater, July 7th-10th, 1934	242
Herschenroder, M., Cyclone season 1930-1 at Mauritius (review)	72		
Hlasek-Hlasko, S.	270		
Hoar frost, Disregarded condition for	67		
Horndon-on-the-Hill, Whirlwind at	192		
Horrex, E. J., Sun pillar	91		

	PAGE		PAGE
Lightning and aircraft ...	214	Meteorological Society, Royal,	
— on a haystack, Effect of... ..	195	Howard Prize	150
—, Phenomenon accompanying 91,	146	— — —, Symons Medal	12
—, Sounds accompanying	195	— — — — Memorial lecture	37
—, Travel of thunderstorms and		— Service, German	123
effects of	43	Microbarograph oscillations	95
Lindley, W. M., Waterspout seen		Mirrlees, S. T. A., Meteorological	
from Pentonwarra	214	Observations in Greenland	210
Line squalls in Iraq and Palestine,		—, Pilot balloon observations at	
May 14th–15th, 1934	185	Mauritius and cyclone season at	
Liverpool Observatory, Frequency		Mauritius (review)	72
distribution of rainfall at	117	Mitchell, A. Crichton	74
— —, Sixty years rainfall at	117	Mogador (Morocco), Rainfall record	
Loch Maree, 1932–4, Temperature		at	46
of	277	Monsoon, Indian south-west	173
Loder, G. W. E.	125	Moon, A. E., Halo phenomena	121
London from 1900–33 with special		Moon pillar, Brilliant	260
reference to the prevailing con-		Moonlight, Colour of	193
ditions of humidity, Warm		Moon's globularity, Atmospheric	
spells in	109	refraction and the	240, 288
—, Statistical probability of rain in	87	Moorhead, H. B., Unusual rainbow	238
Luminous night clouds	239	Morgans, W. R., Nocturnal cooling	
		and the prediction of night	
		minimum temperatures	230
		Moye, M., Lunar corona	13
Malayan rainfall	15		
Margary, I. D., Phenological report,		Nebulae, Red-shifts in the spectra of	219
1934	258	Netherlands India, Long-range fore-	
Marshall, W. A. L., Mean frequency		casting in	220
of thunder over the British		Netherlands, Precipitation, Climate	
Isles	117	of the	47
Martinez, N. G.	222	New England, Rainfall variations,	
Matthews, R. H., Summer rainfall		England and	88
in Iraq	168		
Mauritius, Cyclone season, 1929–		OBITUARY :—	
1930 at	72	Aguis, Prof. T.	246
—, Pilot balloon observations at	72	Berloty, R. P.	293
McCurdy, N. R. and R. A. Watson,		Bracey, C. A.	49
Pilot balloon observations at		Call, S.	21
Mauritius (review)	72	Davis, Prof. W. M.	124
— —, Cyclone season 1929–30 at		Eginitis, Prof. D.	102
Mauritius (review)	72	Gallé, Heer P. H.	124
Meinardus, Prof. W.	270	Gerlache, Baron de	294
Meteor, Great Siberian	145	Hlasek-Hlasko, Prof. Col. S.	270
Meteorite in Central Siberia, Air		Kellett, C. H.	198, 221
waves caused by the fall of the	145	Lamb, Sir Horace	270
Meteorological Institute, Swiss	125	Latchmore, A.	198
— Observations for 1932, Wellin-		Martinez, N. G.	222
gton	245	Peek, Hon. Lady	270
— — in central Greenland... ..	210	Pilkington, W.	69
— Observer's Handbook	235	Rigby, A. J.	174
— Office, Annual report	213	Schuster, Sir Arthur	229
— —, Change of directors at the		Stewart, Rev. W. E.	74
French	174	Stok, Dr. J. P. van der	73
— —, Discussions at the 12, 212, 235,	258, 283	Observation in astronomy, Place of	48
— —, Shoeburyness staff dinner	22	Observers, Course of training for 213,	293
— Records at Kew Observatory	1	Ockenden, C. V., Haboob at	
— Society, Royal 11, 37, 87, 117, 144,	258, 283	Heliopolis	280
— — —, Buchan Prize	258	Official Notices	212, 293
		Official Publications	144, 213, 235

	PAGE		PAGE
Okada, T., Lowest pressure in a tropical cyclone	237	Rainfall at Liverpool Observatory, Frequency distribution of ...	117
Optical phenomena seen from Birmingham	120	— in Iraq, Summer	168
"Osoaviakhim," Loss of the ...	29	— — Westmoreland	215
Owen, W. A., Unusual sunset ...	146	—, Malayan	15
		— record at Mogador, Morocco ...	46
Packham, E. C., Funnel-shaped cloud	192	— tables, 1934	monthly
Palestine, Line squalls and heavy rain in	185	— variation, England and New England... ..	88
Pamir, Geophysical observatory on the	123	—, 1933, General distribution ...	monthly
Parhelic circle	14	—, 1934	291
Patterson, J., Height of the tropopause	166	Ramadas, L. A., and S. Atmanathan, Fog and haze at Poona during the cold season (review) ...	101
Peek, Lady	270	Ramakrishnan, K. P. { Indian } ...	173
Pentonwarra, Waterspout seen from ...	214	Ramanathan, K. R. { south-west } ...	173
Phenological Observations, Saxony — report, 1933	258	Rays, Anti-solar	216
Phillipotts, G. S., Winds box the compass	260	Refraction and the moon's globularity, Atmospheric ...	240, 288
Pilkington, The late Mr. W. ...	69	— at sea	93
Pilot balloon observations at Mauritius	72	REVIEWS:—	
Plaskett, H. H., Place of observation in astronomy (review) ...	48	Abbott, C. G.—Solar radiation ...	73
Poulter, R. M., Ballooning	35	— — Sunspots and weather ...	73
—, Rain in stationary depressions... ..	266	Berlage, H. P.—Long-range forecasting in Netherlands India... ..	220
—, Waved alto-cumulus	239	Boerema, J.—Daily forecast of wind-force on Java	220
Precipitation of the Netherlands ...	47	Braak, C.—Climate of the Netherlands A, precipitation ; J. Glasspoole	47
Pressure distribution during Dec., 1933, and Jan., 1934	4	Döring, A.—Naturbeobachtungen Goldie, A. H. R.—"Weather" by Ralph Abercromby, revised ; E. Gold	141
— in a tropical cyclone, Lowest ...	237	Herschenroder, M.—Cyclone season 1930-31 at Mauritius ; S. T. A. Mirrlees	72
Pretoria, Appointment of Chief Meteorologist	125	Hubble, E.—Red-shifts in the spectra of nebulae	219
Quaternary period, World climate during the	118	India Meteor. Dept. Memoirs, Vol. XXVI, Parts II and III ...	173
Rain, Dec. 26th, Waltham Cross ...	285	Kidson, E. — Meteorological Observations for 1932	245
—, A fifth of an inch in a minute ...	157	— — Wairarapa floods of Aug., 1932 ; J. Glasspoole	21
— in advance of true "warm-front" rain	235, 264	Plaskett, H. H.—Place of observations in astronomy	48
— — Iraq and Palestine, May 14th-15th, 1934, Heavy	185	Ramadas, L. A. and A. Atmanathan—Note on fog and haze at Poona during the cold season ; A. F. Crossley ...	101
— — London, Statistical probability of	87	Russell, H. N.—Composition of the stars... ..	48
— — stationary depressions	266	Schubart, L.—Praktische Orkankunde	244
—, Splashing of	145	Smithsonian Miscellaneous Collections, World Weather Records	171
Rainbow, Unusual	238		
— in cirro-stratus	65		
Rainbows and sky illumination ...	13		
Rainfall and world-weather, China — at Hartford, Connecticut, Deficiency of	286		
— at Liverpool Observatory ...	117		

	PAGE
REVIEWS:—continued.	
Watson, R. A. and N. R. McCurdy—Pilot balloon observations at Mauritius and cyclone season at Mauritius; S. T. A. Mirrlees ...	72
<i>See also Official Publications.</i>	
Rigby, A. J. ...	174
Robson, E. F., Thunderstorms and snow in Cheshire ...	264
Royal Society of Arts ...	101
—, Royal Medal ...	270
Russell, H. N., Composition of the stars (review) ...	48
Saville, C. M., Deficiency of rainfall at Hartford, U.S.A. ...	286
—, Rainfall variations, England and New England ...	88
Schubart, L., Praktische Orkankunde (review) ...	244
Schuster, Sir Arthur ...	229
Shaw, Sir Napier ...	44
—, Natural history of weather ...	144
Shooter's Hill, Whirlwind at ...	145
Siberia, Air waves caused by the fall of the meteorite in central ...	145
Siberian meteor, Phenomena related to the great ...	145
Simms Gold Medal ...	125
Simpson, G. C. ...	125
—, Lightning and aircraft (review) ...	214
—, World climate during the Quaternary period ...	118
Sky illumination, Rainbows and ...	13
Smith, D. E., West African tornado ...	7
Smith, J. S., Travel of thunderstorms ...	42
—, Unusual cloud sequence and persistent solar halo ...	262
Snow and thunderstorms in Cheshire ...	264
—, cover and ski-ing in the Black Forest ...	290
Solar radiation ...	73
Spectra of nebulae, Red-shifts in the ...	219
Stanhope, R. M. and C. S. Durst, Diurnal variations of barometric tendencies ...	183
Stars, Composition of the ...	48
Stewart, W. E. ...	74
Stok, J. P. van der ...	73
Storm glass and weather ...	44
—, Tropical revolving ...	244
Stratosphere ...	33
— balloon-flight, First ...	30
—, Conference for study of ...	74
—, New ascents in the ...	149
—, Thermal anomaly in the ...	31

	PAGE
Summer of 1934, Peculiar features of the ...	218
— time and summer thunderstorms ...	64
Summers in Europe and Asia, Abnormal ...	258
Sun pillar ...	91
Sunset effect, Strange ...	119, 165
—, Unusual ...	146
Sunshine values, British Isles, 1909–33 ...	259
Sunspots and thunderstorms ...	38
— — Weather ...	73
Sur, N. K., Characteristics of fronts during the Indian south-west monsoon ...	173
Suspensoids at Kew Observatory, Atmospheric ...	284
Sutcliffe, R. C., Travel of thunderstorms ...	16
Sutton, O. G., Austausch ...	66
Switzerland, Change of directors in the Central Meteorological Office ...	102
Temperature at Kingsway, Jan. 23rd–24th, 1934, Sudden fall of ...	59
—, Basis of the expression $\frac{1}{4}(7+13+2 \times 21h.)$ for mean ...	170
— of Loch Maree, 1932–4 ...	277
— over northern India, High lapse-rates of ...	150
Temperatures at Bridgwater, July 7th–10th, 1934, High maximum ...	242
— at Larkhill, Prediction of minimum ...	61, 88
—, December minimum in relation to June maximum ...	17
—, Nocturnal cooling and the prediction of minimum ...	230
Theobald, S., Whirlwind at Shooter's Hill ...	145
Thermal anomaly in the stratosphere ...	31
Thermometer in the world, Largest ...	46
Thermometers, Sheathed ...	68
Thunder in May, Hail and ...	93
— over the British Isles, Mean frequency of ...	117
Thunderstorm of June 28th in the Isle of Wight ...	149
— — Oct. 23rd, 1934, Frontal ...	265
Thunderstorms and effects of lightning, Travel of ...	43
— — summer time, Summer ...	64
— — sunspots ...	38
— — thick snow in Cheshire ...	264
— in July, 1934 ...	160
— — southern England, December ...	285
—, Note on frontal ...	205

	PAGE		PAGE
Thunderstorms of June 25th ...	147	Weather and storm glass ...	44
—, Travel of 16, 40, 57		— bulletin, Buxton ...	17
Tornado at Carbis Bay, Cornwall ...	71	—, Frostless December ...	284
—, West African 7		—, Natural history of ...	144
Training for Observers, Course of 213, 293		— noises, Broadcast ...	20
Tropopause in Canada, Height of ...	166	— of 1934 <i>monthly</i>	
Tu, C. W., China rainfall and world		Weekly Weather Reports ...	165
weather 38		Wellington, Gusty winds at ...	238
Typhoon in Japan 219		—, Meteorological observations for	
		1932 245	
United States Weather Bureau,		West African tornado 7	
Appointment of Chief of ...	50	Westmoreland, Rainfall in ...	215
Upper atmosphere, Some facts and		Whipple, F. J. W., A fifth of an inch	
theories about 283		in a minute 157	
Upsala, Change of director at the		—, Audibility of firing in the English	
Meteorological Observatory at	222	Channel, Sept. 27th, 1934 ...	253
		—, Great Siberian meteor ...	145
Vallay, Cloudburst in 215		—, Meteorological records at Kew	
Veryard, R. G., Anti-solar rays ...	216	Observatory 1	
—, Dust-devils 268		—, Weekly Weather Reports ...	165
Visibility at Kew Observatory ...	284	Whirlwind at Horndon-on-the-Hill	192
Visser, S. W., Halo complex in Hol-		— — Ilford, May 26th 123	
land, May 26th... .. 164		— — Shooter's Hill... .. 145	
Wairarapa floods of Aug., 1932 ...	21	Wilkinson, R. J., Cyclonic forma-	
Walker, Sir Gilbert 125		tion, Nov. 13th, 1933 15	
Waltham Cross, Heavy rain, Dec.		Wind-force on Java, Daily forecast	
26th 285		of 220	
Warm spells in London from 1900–		— pressures on buildings ...	208
33, with special reference to the		Winds at Wellington, Gusty ...	238
prevailing conditions of humi-		— box the compass... .. 259	
dity 109		— of Berbera 144	
Washington, D. C., Appointment of		Winters on the Lancashire coasts,	
Chief of Aerological Division ...	150	Recent calm 18	
Water supply from roofs 137		Wiseman, W. R. B., Cartographic	
Waterspout seen from Pentonwarra	214	study of drought 145	
Watson, R. A. and N. R. McCurdy,		Wishart, E. M., Fireball 65	
Cyclone season 1929–30 at		World-weather, China rainfall and	38
Mauritius (review) 72		World Weather Records, Second	
— —, Pilot balloon observations at		volume 171	
Mauritius (review) 72		Wright, H. L., Visibility and atmo-	
Watson, R. E., Effect of tapping a		spheric suspensoids at Kew	
Kew barometer before reading	98	Observatory 284	
		Zürich, Change of directors in the	
		Central Meteorological Office at	102

ERRATA

See pages 21, 125, 222, 270, 294.

CORRIGENDUM

See page 74.

ILLUSTRATIONS

	PAGE
Kew Observatory from the Air	<i>Frontispiece</i>
Average pressure distribution, Dec., 1933 to Jan., 1934	5
Gibraltar: from the air over neutral territory to its north... ..	<i>facing</i> 10
Eddies as shown by streamers of great length in the Bay of Gibraltar at 800 feet, Wind 60°	<i>facing</i> 11
Stamps commemorating the first stratosphere balloon flights	<i>facing</i> 29
Waltham Cross, Meteorological Chart, Sept., 1891	45
Glass-sheathed thermometers in screen	<i>facing</i> 57
Thermograms, London, Jan. 23rd-24th, 1934	59
Anemograms, London, Jan. 24th, 1934	60
Isopleths of differences between 15h and night minimum temperatures at Larkhill	63
Atmospheric disturbance illustrated by a working model	<i>facing</i> 81
Plan diagram of the jets and disc of model in position	82
Barograph with yearly chart	<i>facing</i> 92
Refraction at sea on the way to Nain, Labrador	<i>facing</i> 93
Section of cold front passing over Aboukir, Mar. 8th-9th, 1932	96
Microbarograms, Aboukir, Heliopolis, Ismailia and Ramleh, Mar. 8th-9th, 1932	97
Diagram showing approximate actual water content of air	114
Frequencies of relative humidity	115
Strange sunset effect	119
Halo phenomena, Whit Sunday, 1934	121
Halo complex in Holland, May 26th, 1934	122
Diagram showing progress of drought, Nov., 1932, to May, 1934... ..	134
Rainfall, percentage of average, Jan., 1933, to May, 1934... ..	136
An unusual sunset	146
Kew Observatory, minute by minute rain-gauge record, July 18th, 1934	158
Rainfall intensity, Kew Observatory, July 18th and 22nd, 1934	159
Height and temperature of tropopause at Calgary and Goderich	167
Anemometer record, Amman, Mar. 4th, 1934	169
Diagram showing positions of meteorological stations in the near East ...	187
Autographic records, Shaibah, May 14th, 1934	189
Tephigram, Aug. 12th, 1932	206
Wind pressure on shed and model	209
Balloon carrying radio-sonde before being released at Wellington, New Zealand	<i>facing</i> 229
Isopleths of differences between 15h. and night minimum temperatures at Catterick	234
Diagram for giving formulae connecting T-M, T and T-D	234
Rate of rainfall, Kew Observatory, Oct. 6th, 1934	236
Squall cloud, Oct. 4th, 1934	<i>facing</i> 238
Luminous night clouds, 0h. 30m., July 2nd, 1934	<i>facing</i> 239
Waved alto-cumulus, Aug. 18th, 1934	<i>facing</i> 239
Dust-devils, Aug. 10th, 1934 and Sept. 6th, 1934	<i>facing</i> 253
Audibility of firing, H.M.S. <i>Valiant</i> , Sept. 27th, 1934, afternoon	254
Audibility of firing, H.M.S. <i>Valiant</i> , Sept. 27th, 1934, evening	255
Diagram showing velocity of sound according to temperature and wind component towards north-east	257
Mean cloudiness and effective nebulosity, Goff's Oak, Sept., 1934	261
Temperature of Loch Maree and Loch Ness... ..	279
Anemogram, Heliopolis, June 13th, 1934	281
Hygogram and Thermogram, Heliopolis, June 13th, 1934	282
Nepang river watershed, Deficiency of rainfall and run-off	287